In the Claims:

Kindly add new claims 31-53 as follows:

31. An article comprising a substrate having a mosaic image
thereupon, said mosaic image having an appearance that approximates
a target image through use of a plurality of source images, and
which mosaic image is generated by a process executed with a
computer comprising the steps of:

loading the target image into the computer;

dividing the target image into a plurality of tile regions,
each tile region representing a distinct locus of the target image,
and

for each tile region:

comparing source images to the tile region to produce a
measurement of visual similarity, said comparing step including
analyzing a plurality of individual portions of each source image;

selecting the source image with the highest measurement
of visual similarity to represent the tile region; and

positioning the selected source image in the mosaic image
at a locus corresponding to the locus of the tile region.

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1   32. The article of claim 31 wherein the process includes the

2   further step of dividing the tile region into distinct sub-regions,

3   each sub-region corresponding to a specific portion of the source

4   image, and comparing each respective sub-region with each

5   respective source image portion to produce the measurement of

6   visual similarity.

33. The article of claim 32 wherein the process includes the

further step of employing source images having one pixel per

respective sub-region.

1 31 34. The article of claim 29 wherein the process includes the

2   further step of computing the average Root-Mean Square error of

3   Red, Green and Blue channels.

1 32 35. The article of claim 29 wherein the process includes the

2   further step of removing source images selected in said selecting

3   step from consideration such that no one source image appears more

4   than once in the mosaic image.

1 33 36. The article of claim 29 wherein the process includes the

2   further step of capturing source images, and storing the captured

3   source images in a database.

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1   34 37. The article of claim 36 wherein the process includes the

2   further step of generating modified source images by cropping the

3   source images captured in said capturing step to square.

1   35 38. The article of claim 37 wherein the process includes the

2   further step of, in the case of a captured source image in

3   landscape format, cropping the captured image from center.

1   36 39. The article of claim 38 wherein the process includes the

2   further step of, in the case of a captured source image in portrait

3   format, cropping the captured image from above center.

1   37 40. The article of claim 37 wherein the process includes the

2   further step of categorizing the captured source images within the

3   database.

1   38 41. The article of claim 37 wherein the process includes the

2   further step of storing the captured source images at different

3   levels of resolution.

1   39 42. The article of claim 31 wherein the process includes the

2   further step of deselecting the source image with the highest

3   measurement of visual similarity if it is determined that the

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4   source image has a higher measurement of visual similarity to

5   another tile region.

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1   43. The article of claim 31 [29] wherein the process includes the

2   further step of specifying at least one source image for assured

3   inclusion in the mosaic image, the assured source image being

4   positioned in the mosaic image at a locus corresponding to the

5   locus of the tile region having the highest measure of visual

6   similarity therewith.

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1   44. The article of claim 31 [29] wherein the process includes the

2   further step of specifying a sub-category of source images for

3   exclusive matching with a predetermined portion of the target

4   image.

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1   45. The article of claim 31 [29] wherein said article includes a

2   printout from a digital printer.

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1   46. The article of claim 31 [29] wherein said article includes a

2   photograph.

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1   47. The article of claim 31 [29] wherein said article includes

2   photographic paper.

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1 ~~48~~. The article of claim ~~31~~ wherein said article includes

2 photographic film.

1 ~~49~~. A storage medium for use with a computer comprising a

2 substrate for storing at least one mosaic image having an

3 appearance that approximates a target image through use of a

4 plurality of source images, and which mosaic image is generated by

5 a process comprising the steps of:

6   loading the target image into the computer;

7   dividing the target image into a plurality of tile regions,

8 each tile region representing a distinct locus of the target image,

9 and

10   for each tile region:

11   comparing source images to the tile region to produce a

12 measurement of visual similarity, said comparing step including

13 analyzing a plurality of individual portions of each source image;

14   selecting the source image with the highest measurement

15 of visual similarity to represent the tile region; and

16   positioning the selected source image in the mosaic image

17 at a locus corresponding to the locus of the tile region.

1 ~~50~~. The storage medium of claim ~~49~~ wherein said substrate includes

2 a floppy disk.

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1   ~~51~~. 48 The storage medium of claim ~~49~~ 46 wherein said substrate includes

2   a compact disc.

1   ~~52~~. 49 The storage medium of claim ~~49~~ 46 wherein said substrate includes

2   an optical disk.

1   ~~53~~. 50 The storage medium of claim ~~49~~ 46 wherein said substrate includes

2   a removable hard disk.